

## Claims

1. A method for providing the functionality of an exchange termination unit (ET) and a line termination unit (LT) in a communication network (NW) that on the subscriber side has at least one time-multiplex-oriented partial network (ISDN) and on the transport side at least one packet-oriented partial network (NGN), with a gateway (AGW) and a media gateway controller (GWC) being arranged at the transport-side end of the time-multiplex-oriented partial network (ISDN), with the functionality of the exchange termination unit (ET) and of the line termination unit (LT) being implemented in the gateway (AGW) and/or in the media gateway controller (GWC).
2. A method for providing the functionality of an exchange termination unit (ET) and a line termination unit (LT) in a communication network (NW) that on the subscriber side has at least one time-multiplex-oriented partial network (ISDN) and on the transport side at least one packet-oriented partial network (NGN), with a gateway (AGW) and an SIP server being arranged at the transport-side end of the time-multiplex-oriented partial network (ISDN), with the functionality of the exchange termination unit (ET) and of the line termination unit (LT) being implemented in the gateway (AGW) and/or in the SIP server.
3. The method according to claim 1 or 2, characterized in that functions (OAM) for the operation and/or administration and/or maintenance in the time-multiplex-oriented communication network (ISDN) are realized in the exchange termination unit (ET) and line termination unit (LT) for the transmission of

information within the time-multiplex-oriented communication network (ISDN).

4. The method according to claim 1,

5 characterized in that

the functionality of the exchange termination unit (ET) is implemented in the media gateway controller (GWC) and the functionality of the line termination unit (LT) is implemented in the access gateway (AGW).

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5. The method according to one of the preceding claims, characterized in that

the packet-oriented communication network (NGN) is realized according to the Internet protocol (IP) and/or SIP and/or ATM.

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6. The method according to one of the preceding claims, characterized in that

the time-multiplex-oriented partial network (ISDN) is an ISDN network or a number of ISDN-SSist.

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7. The method according to one of the preceding claims, characterized in that

the functions (OAM) for operation, administration and maintenance are essentially performed according to standard  
25 ETSI ETS 300 011 and/or standard ITU-T G.962 and/or standard ETSI ETS 300 233.

8. A communication network (NW) for the exchange of

information that transmits the information on the subscriber  
30 side via at least one time-multiplex-oriented partial network (ISDN) and on the transport side via at least one packet-

oriented partial network (NGN), with a gateway (AGW) and a media gateway controller (GWC) being arranged at the

transport-side end of the time-multiplex-oriented partial network (ISDN), with the functionality of an exchange termination unit (ET) and of a line termination unit (LT) being implemented in the gateway (AGW) and/or the media gateway controller (GWC).

9. A communication network (NW) for the exchange of information, that transmits the information on the subscriber side via at least one time-multiplex-oriented partial network (ISDN) and on the transport side via at least one packet-oriented partial network (NGN), with a gateway (AGW) and an SIP server being arranged at the transport-side end of the time-multiplex-oriented partial network (ISDN), with the functionality of an exchange termination unit (ET) and of a line termination unit (LT) being implemented in the gateway (AGW) and/or the SIP server.